



1/8

Figure 1

M G A P A Q I L G F  
ATG GGG GCC CCT GCT CAG ATT CTT GGG TTC  
L L L L P P G T R C  
TTG TTG CTC TTG TTT CCA GGT ACC AGA TGT  
(leader, -20-1)

D I Q M T Q S P S S  
GAC ATC CAG ATG ACC CAG TCT CCA TCC TCC  
L S A S L G Q R V S  
TTA TCT GCC TCT CTG GGA CAA AGA GTC AGT  
L T C  
CTC ACT TGT (fr.1, 1-23)

R A S Q D I G I N L  
CGG GCA AGT CAG GAC ATT GGT ATT AAC TTA  
H  
CAT (cdr1, 24-34)

T L Q Q E P D G T I  
TGG CTT CAG CAG GAA CCA GAT GGA ACT ATT  
K R L I Y  
AAA CGC CTG ATC TAC (fr2., 35-49)

A T S S L G S  
GCC ACA TCC AGT TTA GGT TCT (cdr2, 50-56)

G V P K R F S G S R  
GGT GTC CCC AAA AGG TTC AGT GGC AGT AGG  
S G S D Y S L T I S  
TCT GGG TCA GAT TAT TCT CTC ACC ATC AGC  
S L E S E D F V A Y  
AGC CTT GAG TCT GAA GAT TTT GTA GCC TAT  
Y C  
TAC TGT (fr3, 57-88)

L Q Y A S S P Y T  
CTA CAA TAT GCT AGT TCT CCG TAC ACG  
(cdr3, 89-97)

F G G G T K L E I K  
TTC GGA GGG GGG ACC AAG CTG GAA ATA AAA  
(fr4, 98-107)

R A D A A P T V S I  
CGG GCT GAT GCT GCA CCA ACT GTA TCC ATC  
F P P S S K L G  
TTC CCA CCA TCC AGT AAG CTT GGG

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3/8

Figure 3A

DIQMTQSPSSLSASLGQRVSLTC — Framework #1, 1-23

RASQDIGINLH — CDR-1, 24-34

TLQQEPDGTIKRLIY — Framework #2, 35-49

ATSSLGS — CDR-2, 50-56

GVPKRFGSGSRGSDYSLTISSLES'EDFVAYYC — Framework #3, 57-88

LQYASSPYT — CDR-3, 89-97

FGGGTKLEIK — Framework #4, 98-107

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Figure 1



M G <sup>A</sup> P A Q I L G F  
ATG GGG GCC CCT GCT CAG ATT CTT GGG TTC  
L L L L P P G T R C  
TTG TTG CTC TTG TTT CCA GGT ACC AGA TGT  
(leader, -20-1)

D I Q M T Q S P S S  
GAC ATC CAG ATG ACC CAG TCT CCA TCC TCC  
L S A S L G Q R V S  
TTA TCT GCC TCT CTG GGA CAA AGA GTC AGT  
L T C  
CTC ACT TGT (fr.1, 1-23)

R A S Q D I G I N L  
CGG GCA AGT CAG GAC ATT GGT ATT AAC TTA  
H  
CAT (cdr1, 24-34)

T L Q Q E P D G T I  
TGG CTT CAG CAG GAA CCA GAT GGA ACT ATT  
K R L I Y  
AAA CGC CTG ATC TAC (fr2., 35-49)

A T S S L G S  
GCC ACA TCC AGT TTA GGT TCT (cdr2, 50-56)

G V P K R F S G S R  
GGT GTC CCC AAA AGG TTC AGT GGC AGT AGG  
S G S D Y S L T I S  
TCT GGG TCA GAT TAT TCT CTC ACC ATC AGC  
S L E S <sup>SE</sup> D F V A Y  
AGC CTT GAG TCT GAA GAT TTT GTA GCC TAT  
Y C  
TAC TGT (fr3, 57-88)

L Q Y A S S P Y T  
CTA CAA TAT GCT AGT TCT CCG TAC ACG  
(cdr3, 89-97)

F G G G T K L E I K  
TTC GGA GGG GGG ACC AAG CTG GAA ATA AAA  
(fr4, 98-107)

R A D A A P T V S I  
CGG GCT GAT GCT GCA CCA ACT GTA TCC ATC  
F P P S S K L G  
TTC CCA CCA TCC AGT AAG CTT GGG

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Figure 3A

DIQMTQSPSSLSASLGQRVSLTC — Framework #1, 1-23

RASQDIGINLH — CDR-1, 24-34

TLQQEPDGTIKRLIY — Framework #2, 35-49

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LQYASSPYT — CDR-3, 89-97

FGGGTKLEIK — Framework #4, 98-107

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